

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	381/97-98.ccls. and (loudspeakers or speakers) SAME frequency SAME independent SAME (phase adj3 shift\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 13:21
L2	0	381/97.ccls. and (loudspeakers or speakers) SAME amplitude SAME (independent or without) SAME frequency SAME (phase adj3 shift\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 13:23
L3	0	381/59.ccls. and (loudspeakers or speakers) SAME amplitude SAME (independent or without) SAME frequency SAME (phase adj3 shift\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 13:26
L4	0	381/300.ccls. and phase adj3 shift\$3 SAME weights	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 13:29
L5	26	381/300.ccls. and phase adj3 shift\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 13:30
L6	4	381/300.ccls. and phase adj3 shift\$3 SAME amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 13:31
L7	24	381/97.ccls. and phase adj3 shift\$3 SAME amplitude	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 13:36
L8	18	381/97.ccls. and phase adj3 shift\$3 SAME amplitude SAME frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 13:52
L9	15	381/1.ccls. and phase adj3 shift\$3 SAME amplitude SAME frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 13:56
L10	14	381/18.ccls. and phase adj3 shift\$3 SAME amplitude SAME frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 13:59
L11	5	381/59.ccls. and phase adj3 shift\$3 SAME amplitude SAME frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:00

## EAST Search History

L12	18	381/98.ccls. and phase adj3 shift\$3 SAME amplitude SAME frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:15
L13	1	381/102.ccls. and phase adj3 shift\$3 SAME amplitude SAME frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:11
L14	59962	381/1.ccls. and loudspeakers or speakers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:13
L15	13	381/1.ccls. and (loudspeakers or speakers) SAME weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:22
L16	32	381/97-98.ccls. and phase adj3 shift\$3 SAME amplitude SAME frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:15
L17	5	381/99.ccls. and phase adj3 shift\$3 SAME amplitude SAME frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:16
L18	8	381/300.ccls. and (loudspeakers or speakers) SAME weight\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:22
L19	66	381/300.ccls. and (loudspeakers or speakers) SAME arrangement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:23
L20	1	381/300.ccls. and (loudspeakers or speakers) WITH arrangement SAME phase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:23
L21	51	381/300.ccls. and (loudspeakers or speakers) WITH arrangement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:27
L22	15	381/97.ccls. and (loudspeakers or speakers) WITH arrangement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:30
L23	19	381/59.ccls. and (loudspeakers or speakers) WITH arrangement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:31

## EAST Search History

L24	65	381/18.ccls. and (loudspeakers or speakers) WITH arrangement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 14:31
L25	76	381/1.ccls. and (loudspeakers or speakers) WITH arrangement	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:21
L26	0	381/97.ccls. and Pfaffinger.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:21
L27	0	381/97-98.ccls. and Pfaffinger.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:21
L28	1	381/59.ccls. and Pfaffinger.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:22
L29	0	381/1.ccls. and Pfaffinger.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:22
L30	1	381/18.ccls. and Pfaffinger.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:22
L31	0	381/102.ccls. and Pfaffinger.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:23
L32	0	381/102.ccls. and Lorenz.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:23
L33	0	381/1.ccls. and Lorenz.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:23
L34	0	381/18.ccls. and Lorenz.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:23
L35	1	381/97-98.ccls. and Lorenz.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:24

## EAST Search History

L36	0	381/102.ccls. and Lorenz.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:24
L37	0	381/102.ccls. and Christoph.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:25
L38	2	381/97-98.ccls. and Christoph.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:25
L39	2	381/1.ccls. and Christoph.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:25
L40	1	381/18.ccls. and Christoph.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/19 15:25